1	CLAIMS
2	
3	What is claimed is:
4	
5	1. A protective media including:
6	a porous dielectric carrier;
7	an active agent incorporated in said porous dielectric carrier; and
8	an electrostatic charge across at least a portion of said porous dielectric carrier.
9	
10	2. The protective media of claim 1 in which said porous dielectric carrier is a non-
11	woven material.
12	
13	3. The protective media of claim 1 in which said porous dielectric carrier is a fiber
14	based material having a fibrous matrix structure.
15	
16	4. The protective media of claim 1 in which said porous dielectric carrier is a spong
17	like material have an open cell matrix structure.
18	
19	5. The protective media of claim 2 in which said non-woven material is a three
20	dimensional structure configured to provide a matrix capable of physically
21	entrapping said active agent.

22

1	6. The protective media of claim 5 in which said active agent consists of particles o
2	a size suitable for entrapment by said matrix.
3	
4	7. The protective media of claim 1 in which said active agent is chosen from the
5	group consisting of antimicrobials and antitoxins.
6	
7	8. The protective media of claim 7 in which said porous dielectric carrier is a non-
8	woven material.
9	
10	9. The protective media of claim 7 in which said porous dielectric carrier is a fiber
11	based material having a fibrous matrix structure.
12	
13	10. The protective media of claim 7 in which said porous dielectric carrier is a sponge
14	like material have an open cell matrix structure.
15	
16	11. The protective media of claim 8 in which said non-woven material is a three
17	dimensional structure configured to provide a matrix capable of physically
18	entrapping said active agent.
19	
20	12. The protective media of claim 11 in which said active agent consists of particles
21	of a size suitable for entrapment by said matrix.
22.	i '

1	13. The protective media of claim 1 in which said active agent is chosen from the
2	group consisting of metals and chemical compounds.
3	
4	14. The protective media of claim 13 in which said porous dielectric carrier is a non-
5	woven material.
6	
7	15. The protective media of claim 13 in which said porous dielectric carrier is a fiber
8	based material having a fibrous matrix structure.
9	
10	16. The protective media of claim 13 in which said porous dielectric carrier is a
11	sponge like material have an open cell matrix structure.
12	
13	17. The protective media of claim 14 in which said non-woven material is a three
14	dimensional structure configured to provide a matrix capable of physically
15	entrapping said active agent.
16	
17	18. The protective media of claim 17 in which said active agent consists of particles
18	of a size suitable for entrapment by said matrix.
19	
20	19. The protective media of claim 1 in which said active agent is an iodinated resin.
21	
22	20. The protective media of claim 19 in which said porous dielectric carrier is a non-
23	woven material.

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2	21. The protective media of claim 19 in which said porous dielectric carrier is a fiber
3	based material having a fibrous matrix structure.
4	
5	22. The protective media of claim 19 in which said porous dielectric carrier is a
6	sponge like material have an open cell matrix structure.
7	
8	23. The protective media of claim 20 in which said non-woven material is a three
9	dimensional structure configured to provide a matrix capable of physically
10	entrapping said active agent.
11	
12	24. The protective media of claim 23 in which said active agent consists of particles
13	of a size suitable for entrapment by said matrix.
14	
15	25. A protective media including:
16	a first porous dielectric carrier;
17	a first active agent incorporated in said first porous dielectric carrier;
18	an electrostatic charge across at least a portion of said first porous dielectric
19	carrier;
20	a second porous dielectric carrier;
21	a second active agent incorporated in said second porous dielectric carrier; and
22	an electrostatic charge across at least a portion of said second porous dielectric
23	carrier.

1	
2	26. The protective media of claim 25 in which said first active agent and said second
3	active agent are of the same material.
4	
5	27. The protective media of claim 25 in which an air gap separates said first and said
6	second porous dielectric carriers.
7	
8	28. The protective media of claim 27 in which said porous dielectric carrier is a non-
9	woven material.
10	
11	29. The protective media of claim 27 in which said porous dielectric carrier is a fiber
12	based material having a fibrous matrix structure.
13	
14	30. The protective media of claim 27 in which said porous dielectric carrier is a
15	sponge like material have an open cell matrix structure.
16	
17	31. The protective media of claim 29 in which said non-woven material is a three
18	dimensional structure configured to provide a matrix capable of physically
19	entrapping said active agent.
20	
21	32. The protective media of claim 31 in which said active agent consists of particles
22	of a size suitable for entrapment by said matrix.
23	

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1	33. A method of making a non-woven material including:
2	providing an extruder having an outlet;
3	providing a collecting web below the outlet of said extruder;
4	providing a hot melt of extrudable material;
5	extruding said extrudable material with said extruder to provide a flow of cooling
6	extruded fibers to fall toward said collecting web; and
7	providing a cloud of an active agent at a location adjacent said outlet of said
8	extruder so that said cloud envelops the cooling fibers while said fibers are still in
9	a quasi-liquid quasi-solid state so that said active agent settles and collects and is
10	intermeshed or entrapped with said fibers on the collecting web forming a media.
11	
12	34. The method of making a non-woven material as defined in claim 33 also
13	including forming said media into a mesh.
14	
15	35. The method of making a non-woven material as defined in claim 33 in which said
16	cloud is in a physical state selected from the group consisting of a vapor, a fine
17	dry dust, an atomized particulate and an aerosolized particulate.
18	
19	36. The method of making a non-woven material as defined in claim 34 also
20	including the step of applying an electric charge across said mesh.
21	
22	37. A method of making a non-woven material including;
23	providing an extruder having an outlet;

1	providing a collecting web below the outlet of said extruder;
2	providing a reservoir of extrudable material;
3	extruding said extrudable material with said extruder to provide a flow of
4	extruded fibers to fall toward said collecting web; and
5	providing a cloud of an active agent at a location adjacent said flow of extruded
6	fibers so that said cloud envelops the fibers while said fibers are falling so that
7	said active agent settles and collects and is intermeshed or entrapped with said
8	fibers on the collecting web forming a media.
9	
10	38. The method of making a non-woven material as defined in claim 37 also
11	including forming said media into a mesh.
12	
13	39. The method of making a non-woven material as defined in claim 37 in which said
14	cloud is in a physical state selected from the group consisting of a vapor, a fine
15	dry dust, an atomized particulate and an aerosolized particulate.
16	
17	40. The method of making a non-woven material as defined in claim 38 also
18	including the step of applying an electric charge across said mesh.
19	